

Abstract of the Disclosure

In a cellular network system, an add-on base station comprising: A. a first channel for connecting to a customer's phone; B. a second channel for connecting to a network; C. circuits for connecting the customer's phone to a destination on the network; and D. billing means for collecting a payment for services related to connecting the customer's phone to the network. The customer's phone may be connected through a wireless link. A method to establish a link between a caller and an addressee comprising the steps of: A. The caller sends a request to a cellular center requesting to connect to a specific addressee, using a message encrypted with the public key of the center; B. the center decrypts the message, identifies the caller and the addressee; C. the center composes a message for the addressee and encrypts it with the public key of the addressee. The message is then sent to base stations; D. the base station transmits the message "as is" or in a modified form; E. only the designated addressee will be capable to decrypt the message, and will be thus notified of the attempted connection.